

aiwa

TV-S2011_{UA} TV-S1311_{UA}

*COLOR TELEVISION
TELEVISOR EN COLOR
TELEVISEUR COULEUR*

**OPERATING INSTRUCTIONS
INSTRUCCIONES DE MANEJO
MODE D'EMPLOI**

ENGLISH

ESPAÑOL

FRANÇAIS

For Assistance And Information

Call Toll Free 1-800-BUY-AIWA

(United States and Puerto Rico)

aiwa

TV-S2011UA
TV-S1311UA

QUICK START GUIDE

ENGLISH

Welcome

Thank you for purchasing this AIWA product.

When you unpack your TV for the first time, follow the procedures **1** to **4** below for set up.

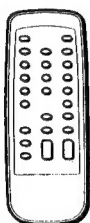
For Assistance And Information

Call Toll Free 1-800-BUY-AIWA

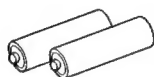
(United States and Puerto Rico)

You will find these accessories in the package box.

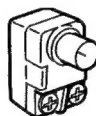
Remote control (1)



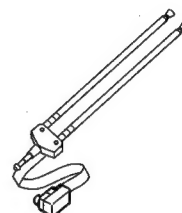
Batteries (2)



Antenna adaptor (1)
(TV-S2011 only)



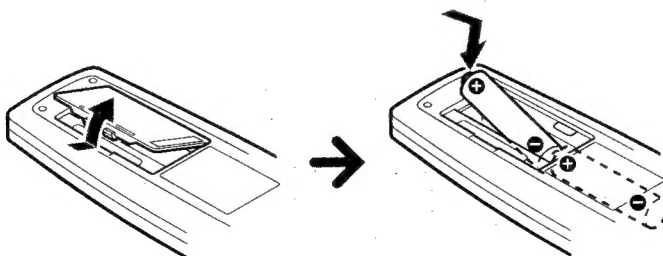
Telescopic antenna with
the antenna adaptor (1)
(TV-S1311 only)



Please read all of the informations and warnings on page 1 and 2 of the operating instructions before installing and/or operating your TV.

1 Installing Batteries in the Remote Control

Insert two R6(size AA) batteries (supplied) with the correct polarity, as indicated inside the battery compartment.



AIWA CO., LTD

8Z-JB1-902-01
990608ATN-Y9

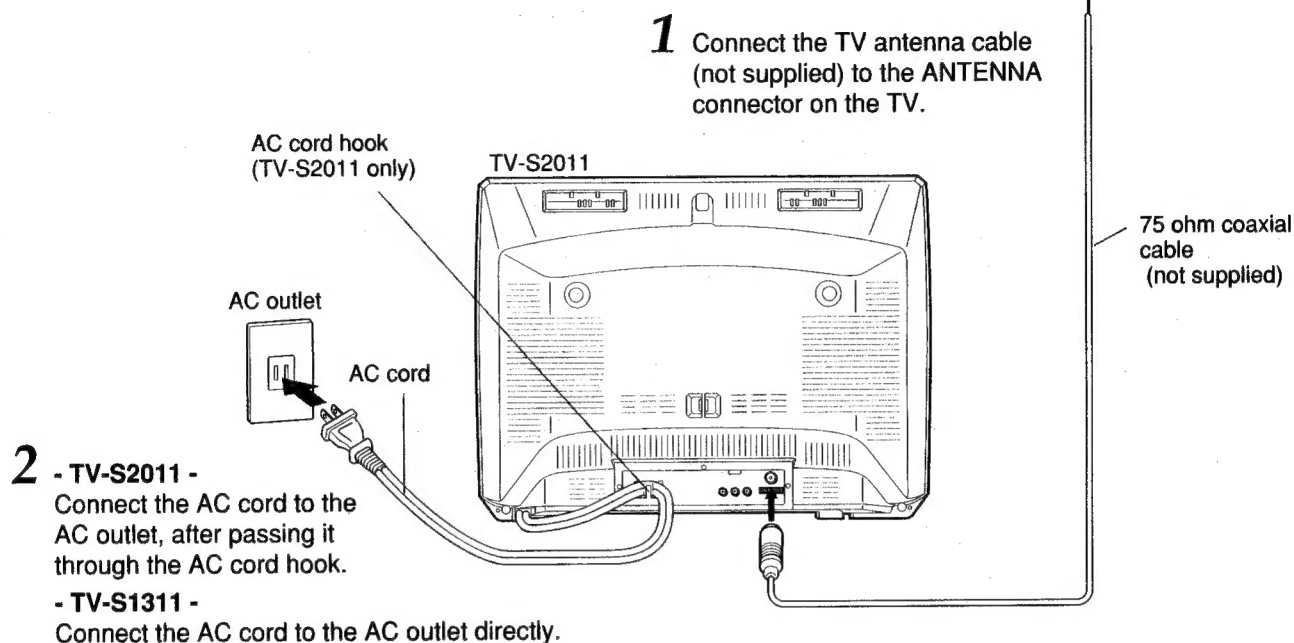
Printed in Malaysia

Connecting The Antenna (or CATV)-TV

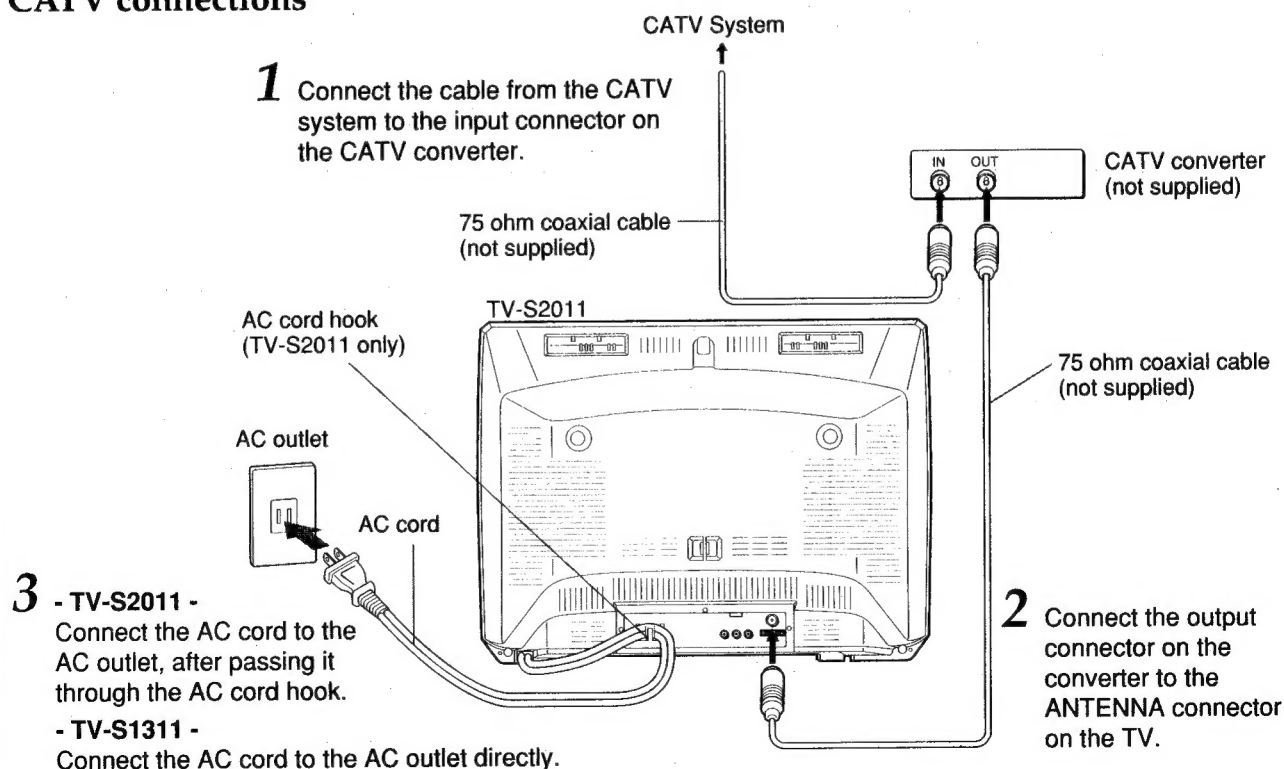
Caution

Connect the AC cord to the AC outlet after all of the connections are complete.

Basic connections



CATV connections



To connect a CATV system without using a CATV converter

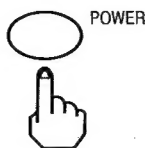
Connect the cable from CATV to the ANTENNA connector on the TV in step 1 above.

3

Setting the language

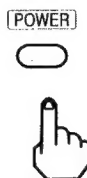
The on-screen menu can display three languages: English, Spanish or French.

1



Press **POWER** on the TV.
The **STANDBY** indicator on the TV lights.

2

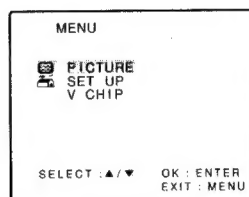


Press **POWER** on the remote control to turn on the TV.
The **STANDBY** indicator turns off.

3



Press **MENU**.

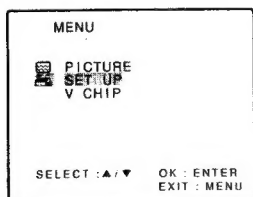


4

CHANNEL



Press **CHANNEL ▲/▼** to select **SET UP**, then press **ENTER**.
The selected item is displayed in red.

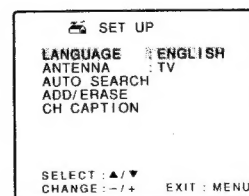


5

VOLUME



Press **VOLUME +/-** to display the desired language.
Each time you press the button, the on-screen display language changes.



6

MENU



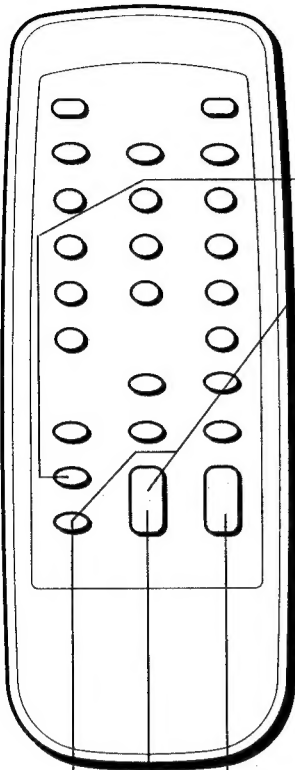
Press **MENU** to return to the normal screen.

4

Setting the channels

Before starting

Make sure the TV is in TV mode.



1

MENU



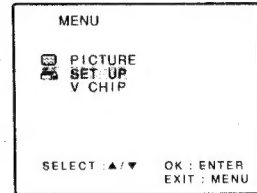
CHANNEL



ENTER



Press **MENU**. And press **CHANNEL ▲/▼** to select SET UP, then press **ENTER**.



2

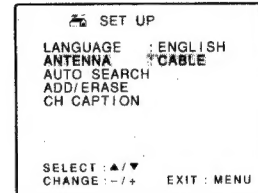
CHANNEL



VOLUME



Press **CHANNEL ▲/▼** to select ANTENNA, then press **VOLUME +/-** to select TV or CABLE.



3

CHANNEL



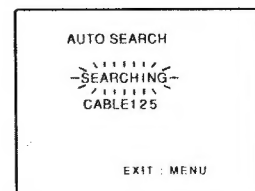
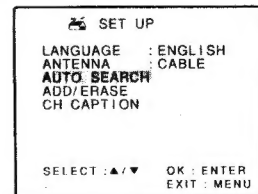
ENTER



Press **CHANNEL ▲/▼** to select AUTO SEARCH, then press **ENTER**.

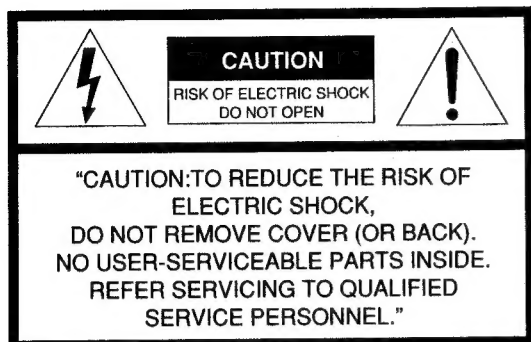
All available channels are tuned.

After tuning, the first located channel appears on the TV screen.



Warning

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.



Explanation of Graphical Symbols



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to person.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

Read the operating instructions carefully and completely before operating the unit. Be sure to keep the operating instructions for future reference. All warnings and cautions in the operating instructions and on the unit should be strictly followed, as well as the safety suggestions below.

Warning

To prevent electric shock or other injuries, follow all the safety instructions when installing, operating and servicing the unit.

Installation

Attachments - Do not use attachments that have not been recommended by the manufacturer because doing so may result in the risk of fire, electric shock or other injuries.

Water and Moisture - Do not use this unit near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

Heat - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat. It also should not be placed in temperatures less than 5°C (41°F) or greater than 40°C (104°F).

Mounting surface - Place the unit on a flat, even surface.

Accessories - Do not place the unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall causing serious injury to persons and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacture, or sold with the unit. When mounting the appliance, follow the manufacturer's instructions. When mounting the unit, use accessories recommended by the manufacturer.

Portable cart - An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING



S3126A

Ventilation - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm clearance from the rear and the top of the unit, and 5 cm from the each side. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to ensure reliable operation of the unit and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug or other similar surface. (This unit should never be placed near or over a radiator or heat register.) This unit should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

Object and Liquid Entry - Never push objects of any kind into the unit through the cabinet slots because they may contact dangerous voltage points or short-circuit parts and cause fire or electric shock. Never spill liquid of any kind on the unit.

Electric Power

Power Sources - This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. To operate unit on battery power, or other sources, refer to the operating instructions.

Grounding or Polarization - This unit is provided with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Power-cord Protection - The unit is provided with an attachment plug with overload protection. This is a safety feature. See operating instructions for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

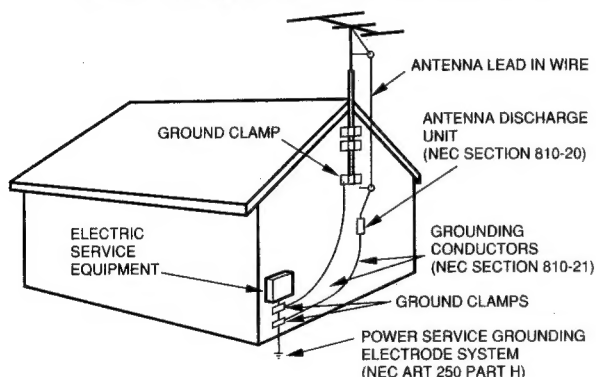
Overloading - Do not allow anything to rest on the power cord. Do not overload wall outlets and extension cords because this can result in fire or electric shock. Do not place the unit in an area where people will walk on the cord.

Outdoor Antenna

Power lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall onto such power lines or circuits. When installing an outside antenna system, extreme care should be taken to avoid touching power lines or circuits because contact with them may be fatal.

Outdoor Antenna Grounding - If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See the figure.

Antenna Grounding According to the National Electrical Code



NEC-NATIONAL ELECTRICAL CODE

Lightning

For added protection during a lightning storm, or when left unattended and unused for long periods of time, unplug the unit from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and powerline surges.

Maintenance

Cleaning - Unplug the unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Damage Requiring Service

Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- 1) When the power cord or plug is damaged or frayed.
- 2) If liquid has been spilled into the unit.
- 3) If the unit has been exposed to rain or water.
- 4) If the unit does not operate normally when following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage to the unit and will often require extensive work by a qualified technician to restore the unit to normal operation.
- 5) If the unit has been dropped or the cabinet has been damaged.
- 6) When the unit exhibits a distinct change in performance - this indicates a need for service.

Do not attempt to service the unit yourself because opening or removing covers may expose you to high voltage or other hazards. Refer all servicing to qualified service personnel.

Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety Check - After completion of any service or repairs to the unit, ask the service technician to perform a safety check to ensure that the unit is in proper operating condition.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground should be connected to the grounding system of the building, as close to the point of cable entry as practical.

OWNER'S RECORD

For your convenience, record the model number and serial number (you will find them on the rear of your set) in the space provided below. Please refer to them when you contact your AIWA dealer in case of difficulty.

Model No.

Serial No.

Welcome

Thank you for purchasing this AIWA product. To optimize the performance of this unit, please read through this operating instructions carefully.

Main features of this TV

V-chip

An age limitation can be set to prevent children from viewing or listening to violent scenes or programs with adult content. This unit corresponds to "TV-RATING" and "MPAA RATING."

Video Enhancer

This unit provides 4 modes as the multi video enhancer: NORMAL, CINEMA, GAME, and DIMMER.

MTS (Multichannel TV Sound) broadcast

You can receive the stereo and bilingual TV programs which are broadcasted in the United States.

Closed Caption

The subtitles can be displayed on the screen when a broadcast corresponding to closed caption is received.

Table of contents

Preparation

Connecting the antenna	4
Preparing the remote control	7
Setting the language	7
Setting the channels	8

Basic operations

Watching a TV program	9
Selecting the MTS mode	10
Selecting the closed captions mode	10
Selecting the AV mode	11
Adjusting the picture	12

Other functions

Setting the V-chip	13
Registering a broadcasting station name	15
On-screen display	16
Watching a video or other equipment	16

Additional information

Troubleshooting	17
Specifications	17
Parts and controls	18

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

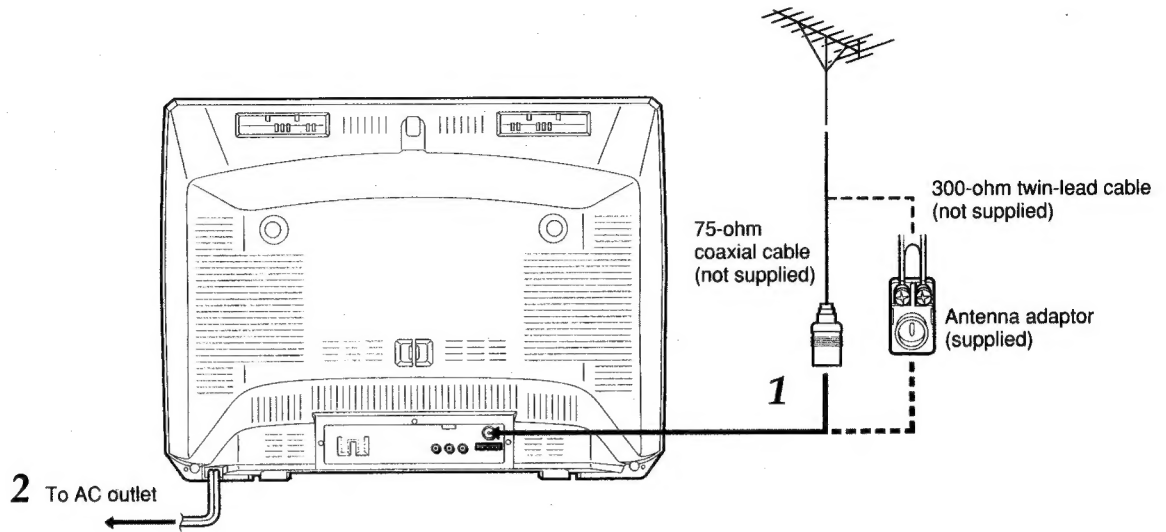
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technical for help.

Note

Modifications or adjustment to this product, which are not expressly approved by the manufacturer, may void the user's right authority to operate this product.

Connecting the antenna

Basic connections



1 Connect the antenna cable to the ANTENNA connector on the TV.

If the cable is a round-type 75-ohm coaxial cable, connect it directly to the ANTENNA connector.

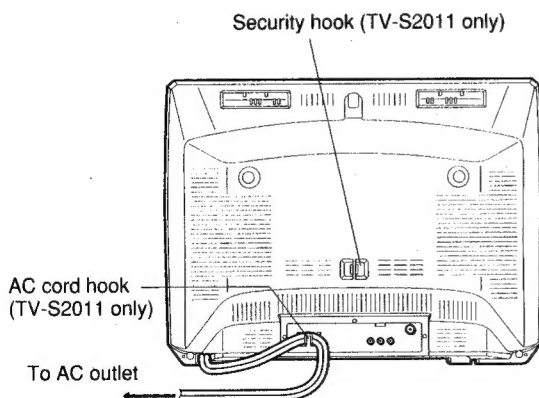
If the cable is a flat-type 300-ohm twin-lead cable, connect it to the antenna adaptor (supplied), and connect the adaptor to the ANTENNA connector.

When you are using the TV-S1311U, the antenna adaptor can be taken out from the supplied telescopic antenna.

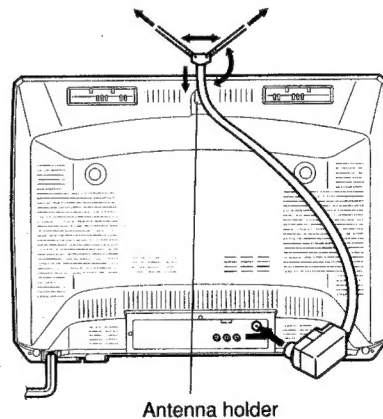
2 Connect the AC cord to the AC wall outlet.

To use the security hook and the AC cord hook for the safety (TV-S2011 only)

- To prevent the unit from falling during earthquakes, etc., fix the unit even to a wall or pillar with the security hook located on the rear using the strong twine or wire.
- Connect the AC cord to the AC wall outlet after passing it through the AC cord hook on the rear.



To Connect the supplied telescopic antenna (TV-S1311 only)



Mount the supplied antenna in the antenna holder.

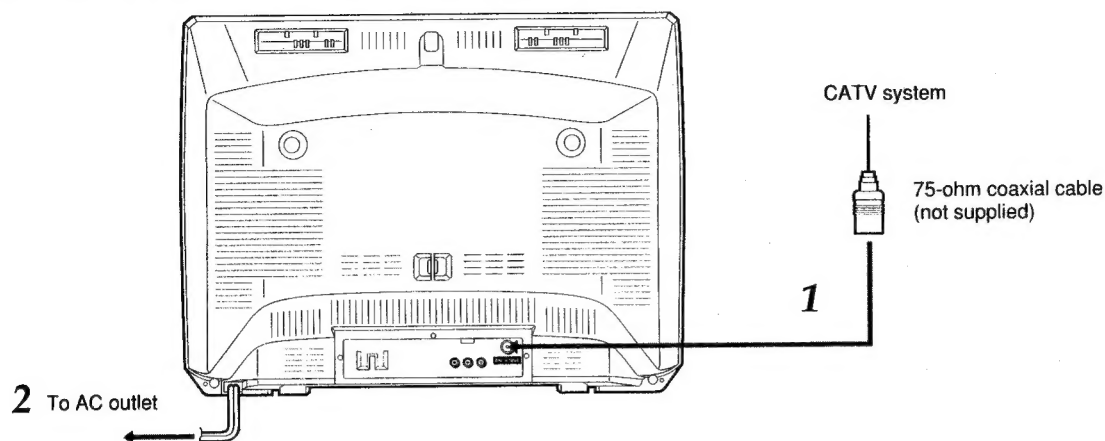
Extend and adjust the ends of the antenna to get the best signal reception.

Note

For better reception, especially in outlying areas, or where ghosting or interference is a problem, use an external roof-mounted antenna.

CATV connections

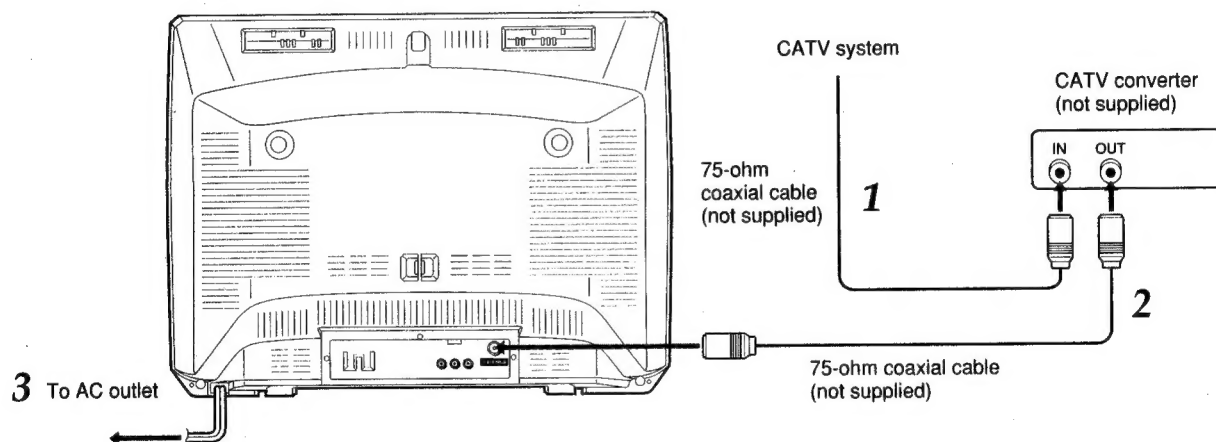
To connect a CATV system without using a CATV converter



1 Connect the cable from the CATV system to the ANTENNA connector on the TV.

2 Connect the AC cord to the AC wall outlet.

To Connect a CATV system using a CATV converter

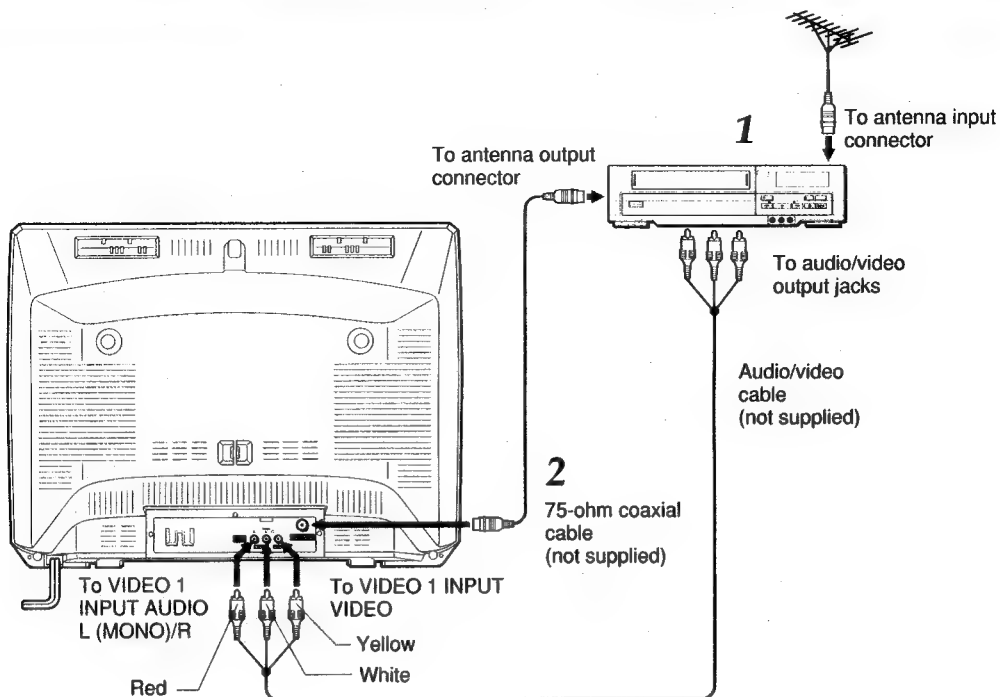


1 Connect the cable from the CATV system to the input connector on the CATV converter.

2 Connect the output connector on the converter to the ANTENNA connector on the TV.

3 Connect the AC cord to the AC wall outlet.

Connecting a VCR or other equipment



1 Remove the antenna cable from the TV and connect it to the antenna input connector on the VCR.

2 Connect the optional antenna cable to the antenna output connector on the VCR and to the **ANTENNA** connector on the TV.

You can connect the TV and the VCR with the optional audio/video cable.

Tip

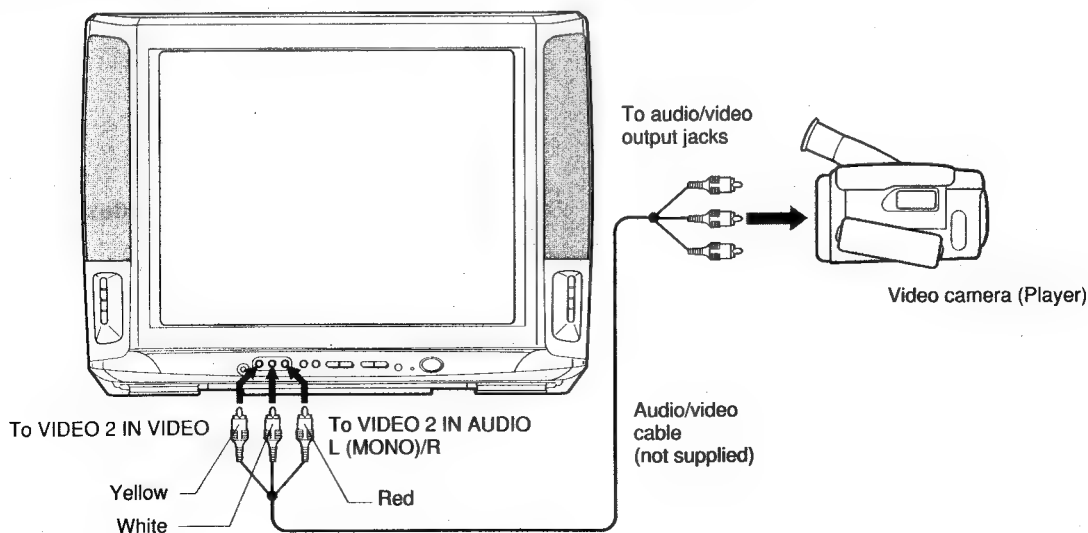
If the VCR is a monaural type, connect one of the audio plugs only to the AUDIO L (MONO) jack.

Note

For details on how to connect the VCR to the TV, consult the individual owner's manual for the VCR.

To connect a video camera or a game machine

It is convenient to use VIDEO 2 IN AUDIO L (MONO)/R/VIDEO jacks on the front.



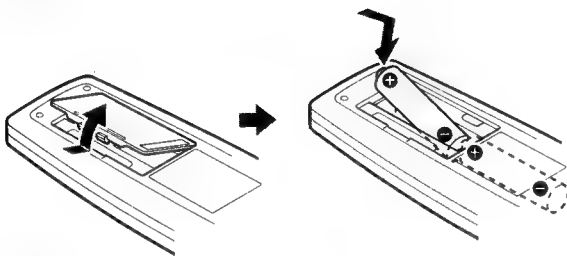
Preparing the remote control

Inserting the batteries

Caution

To prevent damage from leakage or explosion, follow the descriptions below.

- Insert the two supplied R6 (size AA) batteries with the \oplus and \ominus marks correctly as illustrated.
- Do not mix old batteries with new ones or different types of batteries.
- Do not throw the batteries into a fire, apply heat to them or take them apart.
- Do not carry the batteries with keys or other metallic objects.

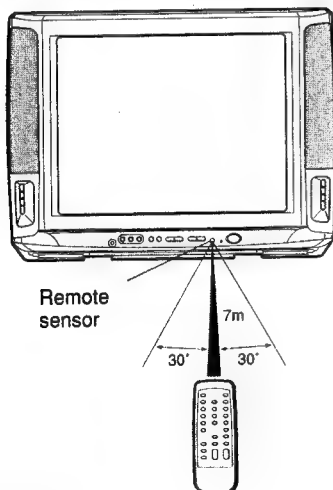


Note

Remove the batteries when they have no more power, or when you do not use the remote control for a long period of time.

Using the remote control

Point the remote control toward the remote sensor.

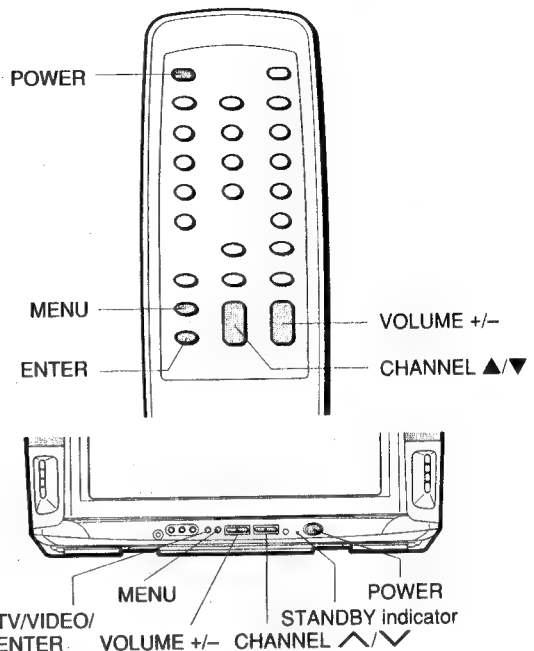


Notes

- The remote control may not operate when there is any obstruction between the remote control and the remote sensor.
- Strong ambient light sources such as a fluorescent lamp or direct sunlight may cause unreliable operation.
- Using a TV with the same type of infrared remote control facing the same direction may cause incorrect operation.
- The maximum distance for effective control between the remote control and the remote sensor is 7 meters.
- Although you can use the remote control within an angle of up to 30 degrees in any direction from directly in front of the remote sensor, we recommend a narrower angle for stable operation.

Setting the language

The on-screen menu can display three languages: English, Spanish and French.



1 Press POWER on the TV.

The STANDBY indicator on the TV lights. If the STANDBY indicator does not light, the TV turns the power on.

2 Press POWER on the remote control to turn on the TV.

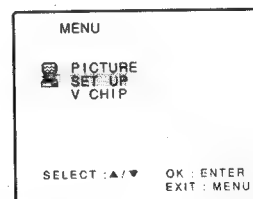
The STANDBY indicator turns off. (You can also turn the TV on by pressing either of CHANNEL \wedge or \vee on the TV.)

3 Press MENU.

4 Press CHANNEL $\blacktriangle/\blacktriangledown$ to select SET UP, then press ENTER.

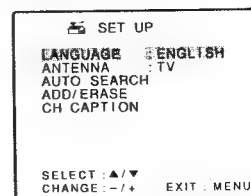
The selected item is displayed in red.

You can also use TV/VIDEO/ENTER on the TV instead of ENTER on the remote control.



5 Press VOLUME +/- to display the desired language.

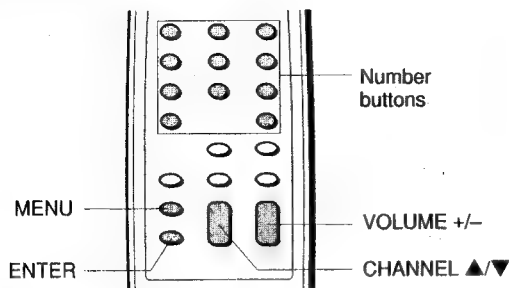
Each time you press the button, the on-screen display language changes.



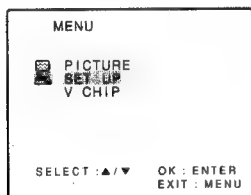
6 Press MENU to return to the normal screen.

Setting the channels

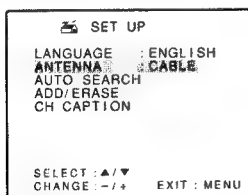
Before Auto Search, this unit can receive all channels in your area by pressing CHANNEL ▲/▼ repeatedly. After Auto Search, you can skip the channels which are not preset with CHANNEL ▲/▼.



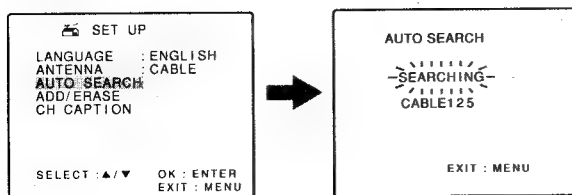
- 1 Press POWER on the TV.**
The STANDBY indicator on the TV lights. If the STANDBY indicator does not light, the TV turns the power on.
- 2 Press POWER on the remote control to turn on the TV.**
The STANDBY indicator turns off. (You can also turn the TV on by pressing either of CHANNEL ▲ or ▼ on the TV.)
- 3 Press MENU.**
Make sure the TV is in TV mode.
- 4 Press CHANNEL ▲/▼ to select SET UP, then press ENTER.**
The selected item is displayed in red.



- 5 Press CHANNEL ▲/▼ to select ANTENNA, then press VOLUME +/- to select TV or CABLE.**
TV : the program from VHF/UHF antenna
CABLE : the CATV according to the connections to the ANTENNA connector



- 6 Press CHANNEL ▲/▼ to select AUTO SEARCH, then press ENTER.**
All available channels in your area are scanned and stored in the memory of the TV.
After scanning, the first located channel appears on the screen.



Tip

To interrupt the Auto Search, press MENU.

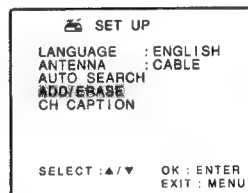
Note

Once you conduct the Auto Search, the previous settings will be canceled.

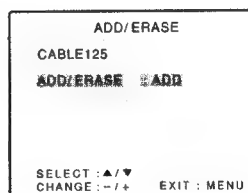
Adding or erasing the channels manually

If the Auto Search does not set the channels correctly, add them manually for watching TV programs. Also, you can erase the unnecessary channels.

- 1 Select the channel number to be erased or added using the number buttons.**
Press the buttons as follows:
Example
To select the channel 7, press 0 then 7.
To select the channel 77, press 7 then 7.
To select the channel 107, press +100, 0 then 7.
- 2 Press MENU.**
- 3 Press CHANNEL ▲/▼ to select SET UP, then press ENTER.**
- 4 Press CHANNEL ▲/▼ to select ADD/ERASE, then press ENTER.**

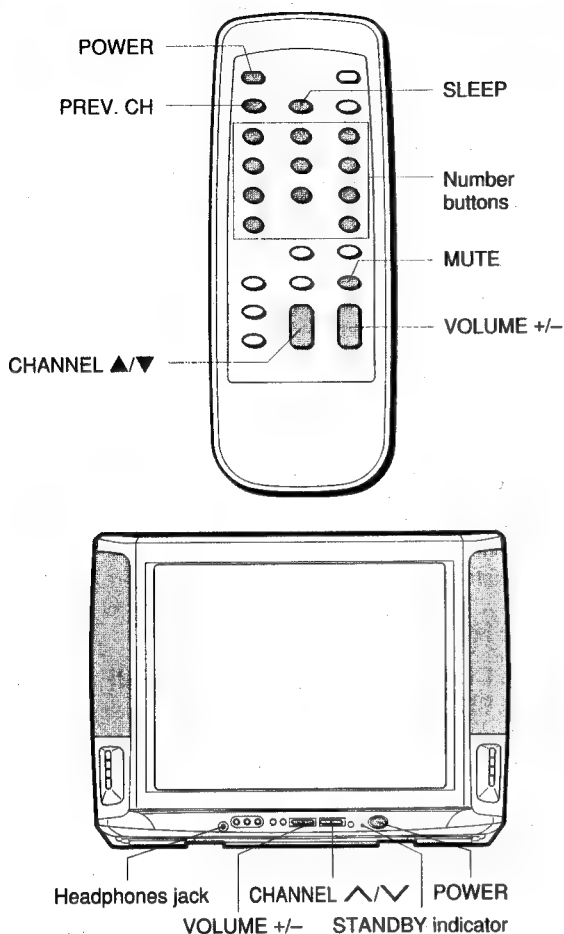


- 5 Press VOLUME +/- to erase or add a selected channel.**
 - When the selected channel is already set, ADD appears. When it is not set, ERASE appears.
 - When you add or erase channels, the picture does not change until you change the channel on the normal screen.



- 6 If you want to erase or add another channel, press CHANNEL ▲/▼ to select CABLE (or TV,) then press VOLUME +/- to select the channel number to be erased or added. And press CHANNEL ▲/▼ to select ADD/ERASE, then press VOLUME +/- to erase or add.**
- 7 Press MENU to return to the normal screen.**

Watching a TV program



- 1 Press POWER to turn on the TV.**
If POWER on the TV is not pressed, you cannot operate the TV even by pressing POWER on the remote control.
- 2 Press CHANNEL ▲/▼ repeatedly or the number buttons to select the channel number.**
When you use the number buttons, press the button as follows:
Example
To select the channel 7, press 0 then 7.
To select the channel 77, press 7 then 7.
To select the channel 107, press +100, 0 then 7.
- 3 Press VOLUME +/- to adjust the volume.**

To turn off the TV

Press POWER on the remote control. The STANDBY indicator on the TV lights. You can turn the TV on or off by pressing POWER on the remote control.
After the power is turned off while the TV set is on by pressing POWER on the TV, the TV set will be turned on by pressing POWER on the TV.
After the power is turned off while the TV set is in standby mode by pressing POWER on the TV, the TV set will be in standby mode by pressing POWER on the TV.

To mute the volume

Press MUTE. "MUTE" appears for a few seconds.
To restore the volume, press MUTE or VOLUME +/-.

To recall a previous channel

Press PREV. CH to switch back and forth between the current channel and the previous one.

Tip

To listen through the headphones, insert the headphones (not supplied) with a stereo mini plug into the headphones jack on the front. The sound from the TV speaker is muted.

Note

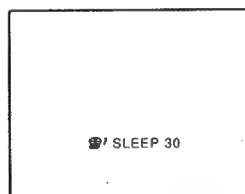
The power automatically turns off approximately 15 minutes after a television station has stopped broadcasting.

Setting the sleep timer

Press SLEEP repeatedly to select the number of minutes after which to turn off.

The minutes change up to 120 minutes as follows.

→ OFF → 15 → 30 → 60 → 90 → 120



After the set amount of time has elapsed, the TV turns the power off.

To check the remaining sleep time

Press SLEEP once. The remaining time appears on the screen.

To cancel the sleep timer

Press SLEEP repeatedly until "SLEEP OFF" appears.

Note

The remaining time appears automatically 5 minutes and 1 minute before the TV turns off.
For example, 5 minutes before turning off, "SLEEP 5" appears.

Selecting the MTS mode

This unit is equipped with the MTS (Multi-channel TV Sound) system which will greatly enhance TV viewing by bringing you programs with high fidelity stereo sound. MTS also provides for an extra channel called SAP (Second Audio Program) which broadcasters can use to transmit a second language for bilingual transmissions or some other sound track.

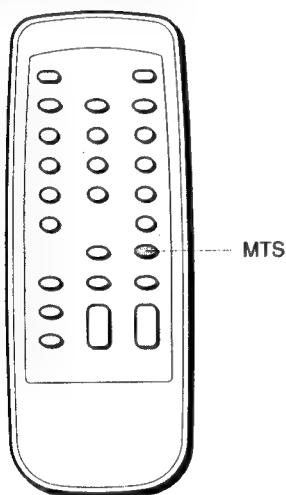
When the channel is changed, one of the following message is displayed at the top of the right side of the screen according to the type of broadcast.

Stereo broadcast: STEREO is displayed in yellow.

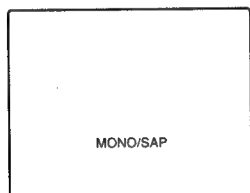
Stereo/SAP broadcast: STEREO/SAP is displayed in yellow and red.

SAP broadcast: SAP is displayed in red.

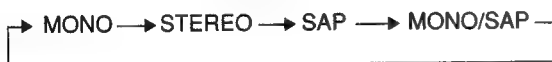
Monaural broadcast: Nothing is displayed.



Press MTS repeatedly to select the MTS mode.



The display changes as follows:

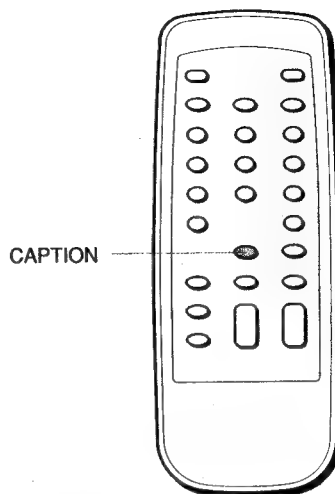


Note

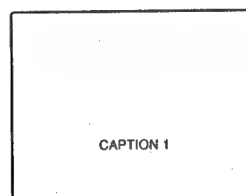
When MTS is pressed, selectable items are displayed in green and not selectable ones are displayed in red according to the type of broadcast.

Selecting the closed captions mode

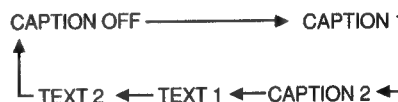
This unit can decode and display closed captioned television programs.



Press CAPTION repeatedly to select the caption mode.



The display changes as follows:



Captions:

This closed caption mode displays text on the screen in English or another language. Generally, closed captions in English are transmitted on CAPTION 1 and closed captions in other languages are transmitted on CAPTION 2.

Full Screen Text:

The text closed caption mode TEXT 1, TEXT2 will usually fill the screen with a programming schedule or other information.

CONTINUE

Selecting the closed captions mode (continued)

Notes

- After selecting a closed caption mode, it will stay in effect until it is changed, even if the channel is changed.
- If the captions signal is lost due to a commercial or a break in the signal, the captions will reappear when the signal is received again.
- When selecting closed captions, the captioning might be delayed momentarily.
- If the channels are changed, the captions might be delayed momentarily.
- If using an indoor antenna or if TV reception is very poor, the closed caption decoder text may not appear. In this case, adjust the antenna for better reception or use an outdoor antenna.
- When activating the closed captioned decoder, there will be a short delay before the closed captioned text appears on the screen.
- The captions will appear in places on the screen where they will least interfere with the picture, usually on the bottom of the screen. News programs will usually show three-line closed captions which scroll onto the screen. Most other shows provide two or three lined captions placed near the character who is speaking so the viewer can follow the dialogue.
- If no caption signal is received, no captions will appear, but the television will remain in the caption mode.
- Misspellings or unusual characters may occasionally appear during closed captioning. This is normal with closed captioning, entered live. These transmissions do not allow time for editing.
- Some cable systems and copy protection systems may interfere with the closed captioned signal.
- Words in italics or underlined describe titles, words in foreign languages or words requiring emphasis. Words that are sung usually appear enclosed by musical notes.
- For television programs broadcasting with closed captions, look in your TV guide for the closed captions symbol (CC).

Selecting the AV mode

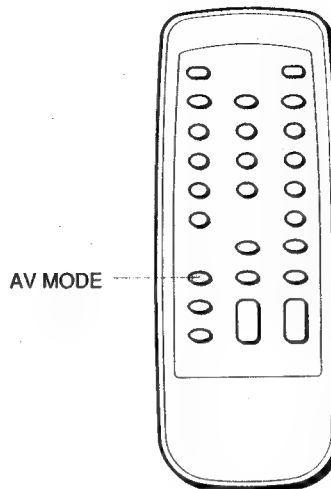
This unit provides 4 modes as the multi video enhancer.

NORMAL: Normal setting

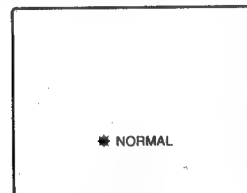
CINEMA: Setting for watching films

GAME: Setting where it causes less eyestrain

DIMMER: Setting where the surrounding is darker



Press AV MODE repeatedly to select the AV mode.



The display changes as follows:

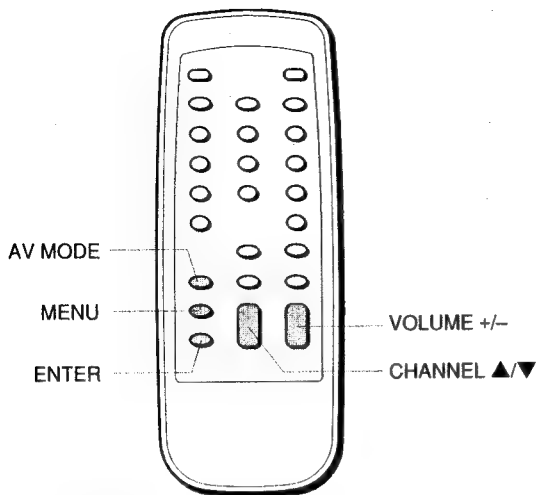
→ NORMAL → CINEMA → GAME → DIMMER →

Note

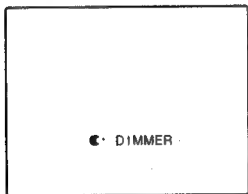
Even if you change the AV mode, the sound quality does not change.

Adjusting the picture

You can adjust the picture settings for each AV mode.

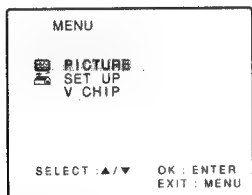


1 Press AV MODE repeatedly to select the AV mode to adjust.

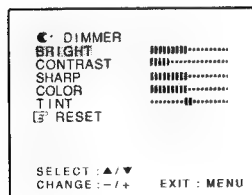


2 Press MENU.

3 Press CHANNEL ▲/▼ to select PICTURE, then press ENTER.

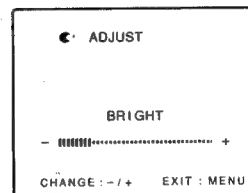


4 Press CHANNEL ▲/▼ to select the item to adjust.



5 Press VOLUME +/- to adjust the setting.
After 2 seconds from releasing the button, the display returns to step 4.

Item	Decreasing the bars	Increasing the bars
BRIGHT	makes the picture darker	makes the picture brighter
CONTRAST	lowers the contrast	enhances the contrast
SHARP	makes the picture softer	makes the picture clearer
COLOR	lowers the intensity and brilliance of the color	enhances the intensity and brilliance of the color
Item	Movement to the left	Movement to the right
TINT	makes the flesh tone redder	makes the flesh tone greener



6 To adjust the other item, complete steps 4 and 5.
7 Press MENU to return to the normal screen.

Tips

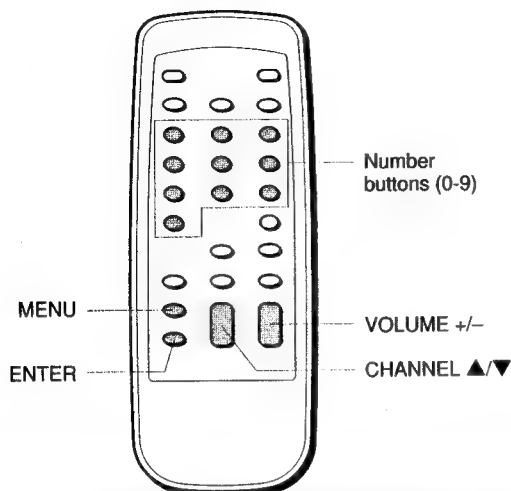
- To reset all the items of the selected AV mode to its initial setting, select RESET in step 4, then press ENTER.
- You can select the AV mode in step 4 instead of in step 1.

Note

If no button is pressed for 15 seconds in step 7, the normal screen returns.

Setting the V-chip

An age limitation can be set to prevent children from viewing or listening to violent scenes or programs with adult content. This unit corresponds to "TV-RATING" and "MPAA RATING." To use the V-chip function, register a password at first.

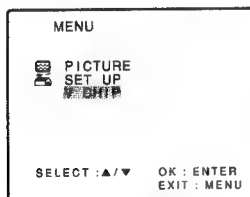


Registering the password

Caution

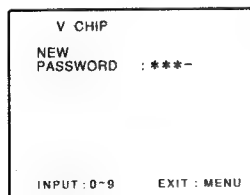
You cannot set the V-chip if you forget the password. We recommend you write down the password and keep it in a safe place in case you forget it.

- 1 Press MENU.
- 2 Press CHANNEL ▲/▼ to select V CHIP, then press ENTER.

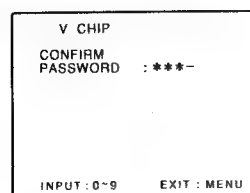


- 3 Enter the password (4 digits) using the number buttons (0-9).

"*" appears instead of the number.



- 4 Enter the same password again for the safety.



The V chip menu appears.

Setting the V-chip

- 1 In the V-chip menu, press CHANNEL ▲/▼ to select TV RATING, then press VOLUME +/- to display the desired setting.

• When the following programs are received, they are protected from display according to the selected setting.

OFF: TV RATING is not set. *

TV-Y: Programs except for ones for infants

TV-Y7: Programs for those older than 7 years old

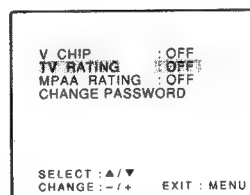
TV-G: Programs except for ones for children

TV-PG: Programs not proper for infants

TV-14: Programs not proper for children under 14 years old

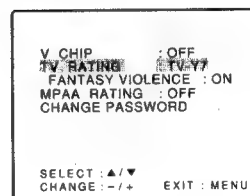
TV-MA: Programs forbidden children under 17 years old

• TV RATING sub menu may appear according to the selected setting. If the sub menu appears, go to step 2. If not, go to step 3.

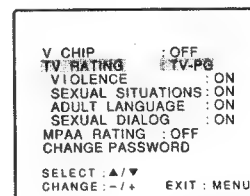


- 2 Press CHANNEL ▲/▼ to select the sub menu item, then press VOLUME +/- to display ON or OFF.

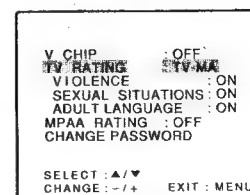
• When TV-Y7 is selected, the items below appear.



• When TV-PG or TV-14 is selected, the items below appear.



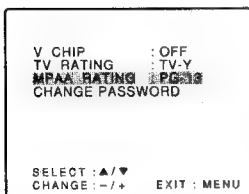
• When TV-MA is selected, the items below appear.



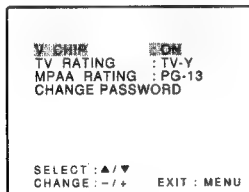
3 Press CHANNEL ▲/▼ to select MPAA RATING, then press VOLUME +/- to display the desired setting.

When the following movies are received, they are protected from display according to the selected setting.

- OFF: MPAA RATING is not set.
- G: No age limitation
- PG: Movies not proper for children
- PG-13: Movies not proper for children of 13 years old and younger
- R: Movies those can be seen by children under 17 years old with their parents
- NC-17: Movies forbidden children under 17 years old
- X: Movies for adults



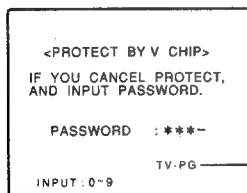
4 Press CHANNEL ▲/▼ to select V CHIP, then press VOLUME +/- to display ON.



5 Press MENU to return to the normal screen.

To use the TV after the TV is protected

When the program applied to the V-chip setting is received, "PROTECT BY V CHIP" is displayed.



The rating of a receiving program

Enter the password. When the password is right, the protect will be canceled.

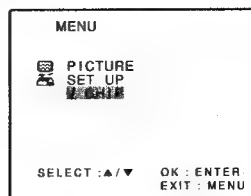
Note

If no button is pressed for 15 seconds in step 5, the normal screen returns.

Changing the password

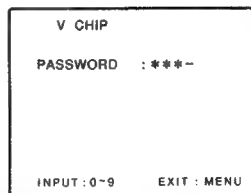
1 Press MENU.

2 Press CHANNEL ▲/▼ to select V CHIP, then press ENTER.

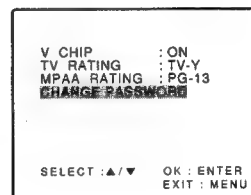


3 Enter the password using the number buttons (0-9).

"*" appears instead of the number.

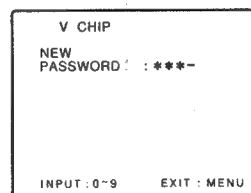


4 Press CHANNEL ▲/▼ to select CHANGE PASSWORD, then press ENTER.

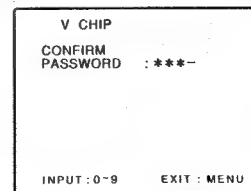


5 Enter the new password using the number buttons (0-9).

"*" appears instead of the number.



6 Enter the same password again for the safety.



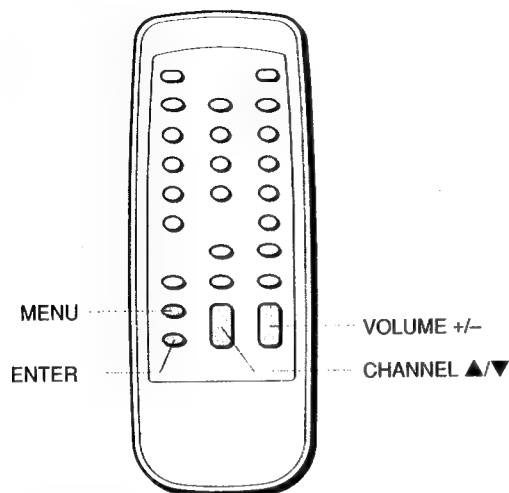
7 Press MENU to return to the normal screen.

Note

If no button is pressed for 15 seconds in step 7, the normal screen returns.

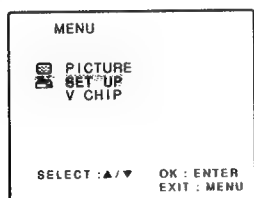
Registering a broadcasting station name

You can register a broadcasting station name for each channel.

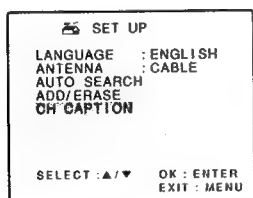


1 Press MENU.

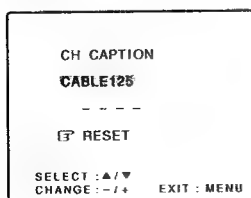
2 Press CHANNEL ▲/▼ to select SET UP, then press ENTER.



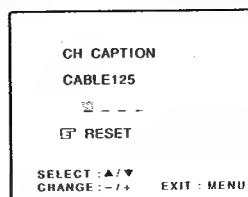
3 Press CHANNEL ▲/▼ to select CH CAPTION, then press ENTER.



4 Press VOLUME +/- to select the channel number you want to register a name.

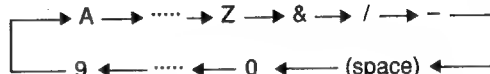


5 Press CHANNEL ▼ to select the bar display.

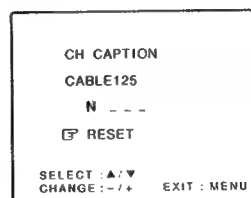


6 Press VOLUME + to display the desired letter, then press CHANNEL ▼.

Each press of VOLUME+ changes the display as follows:



Press VOLUME - to change the display in reverse order.



7 Repeat steps 5 and 6 to enter a broadcasting station name.

You can enter up to 4 letters.

8 Repeat steps 4 through 7 to enter another broadcasting station name.

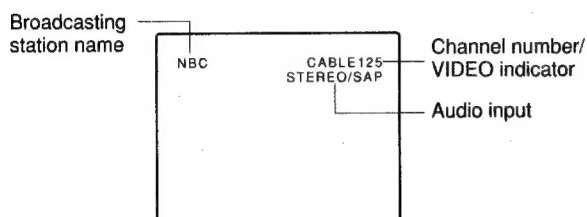
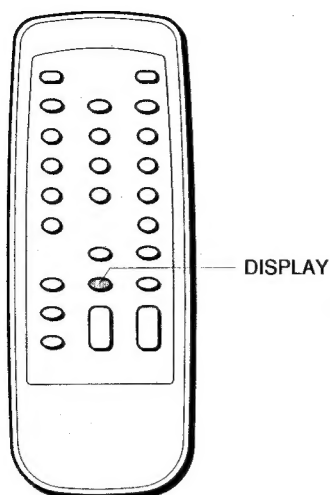
You can enter up to 30 stations.

9 Press MENU to return to the normal screen.

Tip

To cancel all letters in step 6 and 7, press CHANNEL ▲/▼ to select RESET, then press ENTER.

On-screen display



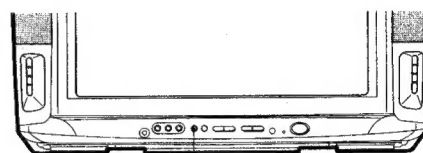
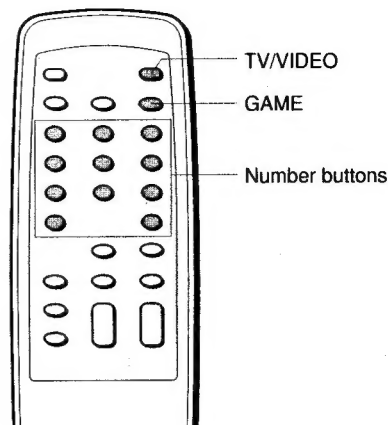
To change the on-screen function display

Press DISPLAY. Each press turns the display on/off.

Notes

- If no button is pressed for 8 seconds, the on-screen display automatically turns off.
- The broadcasting station name appears only when the station name is registered.

Watching a video or other equipment



- 1 Press TV/VIDEO on the remote control or TV/VIDEO/ENTER on the TV to display "VIDEO 1" or "VIDEO 2" for a few seconds.**

VIDEO 1: input from the VIDEO 1 INPUT AUDIO/VIDEO jacks on the rear

VIDEO 2: input from the VIDEO 2 IN AUDIO/VIDEO jacks on the front

- 2 Set the VCR or other equipment to playback.**

To return to the TV program

Press TV/VIDEO on the remote control or TV/VIDEO/ENTER on the TV repeatedly until the TV program appears. Also, you can return to the TV program by selecting the channel number directly with the number buttons.

To switch the GAME position directly

Press GAME to select the AV mode to GAME. The TV input mode changes to VIDEO 2 automatically.

When connecting to the AIWA VCR with the ONE-TOUCH PLAYBACK

When ONE-TOUCH PLAYBACK or OTPB on the remote control of VCR is pressed, this unit automatically turns on and is in the VIDEO 1 mode. However, this function does not operate in the following cases:

- ONE-TOUCH PLAYBACK on the VCR is pressed.
- The TV and VCR is not placed in the place where they can receive the signal from the remote control simultaneously.

Note

For details on how to use the VCR, consult the individual owner's manual for the VCR.

Troubleshooting

If the unit does not seem to operate properly, read the instructions again, then check the following guide.

There is no picture or sound.

The unit is in VIDEO input mode.

There is no sound.

Increase the volume level.

There is poor or no color.

Adjust the color setting.

The remote control does not operate.

Replace both batteries with new ones.

Clicking noise sounds.

Unavoidable expansion or contraction of cabinet due to temperature changes. This is not a problem.

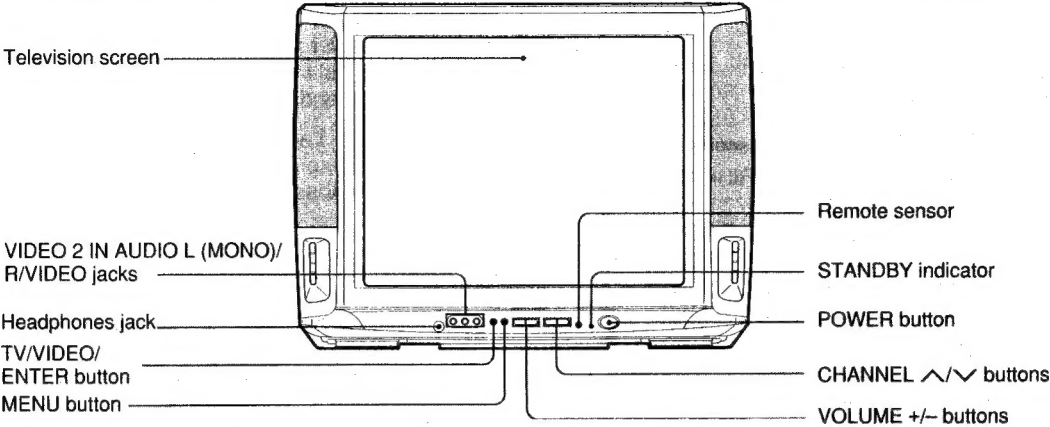
Specifications

Tuner System	Frequency synthesized tuner
TV System	NTSC-M
Channel Coverage	VHF: 2 to 13 UHF: 14 to 69 CATV: 5A, A-1 to A-5, A to W, W+1 to W+84
Program Memory	181
Antenna Input	75 ohms, unbalanced
Picture Tube	TV-S2011: 20" TV-S1311: 13"
Screen Size	TV-S2011: 406 (W) × 305 (H) mm (16 × 12 ¹ / ₈ in.) 508 mm (diagonal) (20 in.) TV-S1311: 280 (W) × 211 (H) mm (11 ¹ / ₈ × 8 ³ / ₈ in.) 335 mm (diagonal) (13 ¹ / ₄ in.)
Video Input	1 Vp-p 75 ohms
Audio Input	0.5 Vrms., 33 k ohms more
Speaker	103 × 45 mm (4 ¹ / ₈ × 1 ¹³ / ₁₆ in.)
Operating Voltage	120 V AC, 60 Hz
Power consumption	TV-S2011: 80 W TV-S1311: 65 W
Phones Jack	Stereo-mini jack
Operating temperature	5°C – 40°C
Operating Humidity	35% – 80%
Dimensions	TV-S2011: 580 (W) × 425 (H) × 491 (D) mm (22 ⁷ / ₈ × 16 ³ / ₄ × 19 ³ / ₈ in.) TV-S1311: 440 (W) × 320 (H) × 371 (D) mm (17 ³ / ₈ × 12 ⁵ / ₈ × 14 ⁵ / ₈ in.)
Weight	TV-S2011: 22 kg (48.4 lbs.) TV-S1311: 10 kg (22 lbs.)
Accessories	Remote control (1) Batteries (R6/size AA) (2) Antenna adaptor (1) (TV-S2011 only) Telescopic antenna with the antenna adaptor (1) (TV-S1311 only)

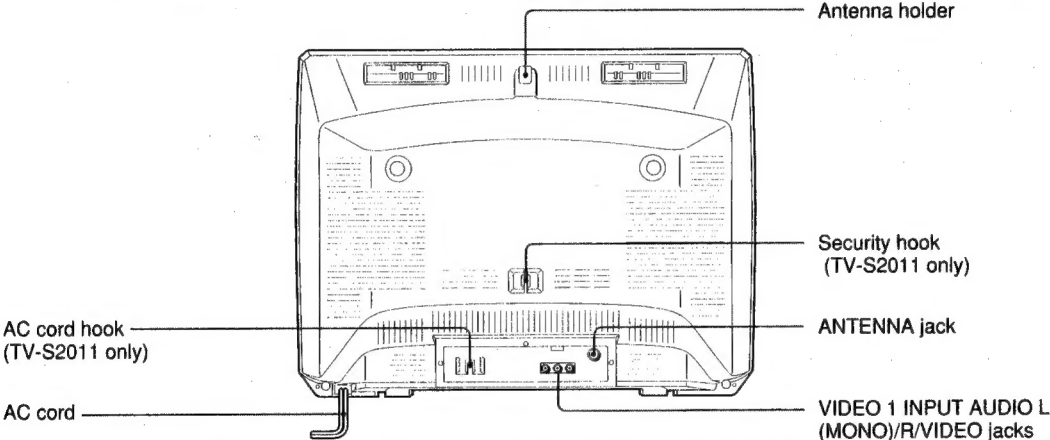
- Design and specifications are subject to change without notice for the purpose of performance improvement.
- The illustrations in this operating instructions are for the TV-S2011UA.

Parts and controls

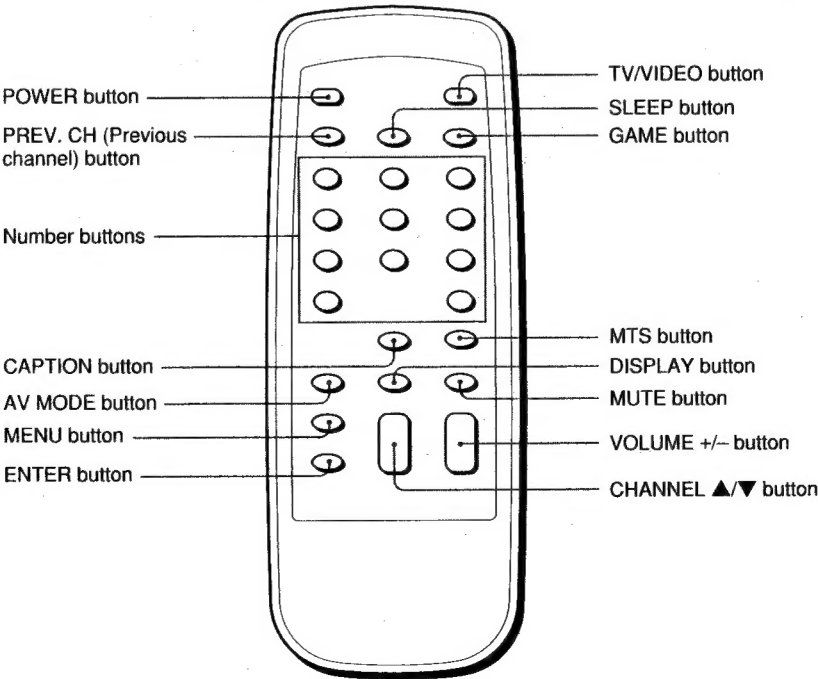
Front panel



Rear panel



Remote control



AIWA CO.,LTD.

For Assistance and Information, ***Call Toll Free 1-800-BUY-AIWA*** (United States and Puerto Rico)

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